



The State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

Representatives Present During the Inspection:

Company Mark Reynolds Resident Agent

Inspection Report

Permit Number:	C0150025
Inspection Type:	PARTIAL
Inspection Date:	Monday, February 09, 2004
Start Date/Time:	02/09/2004 1:15:00 PM
End Date/Time:	02/09/2004 2:45:00 PM
Last Inspection:	Wednesday, January 14, 2004

Inspector: Pete Hess, Environmental Scientist III

Weather: Clear, cold; temp range 20's to 30's F

InspectionID Report Number: 170

Accepted by: pgrubaug
02/13/2004

Permittee: **CO-OP MINING CO**

Operator: **CO-OP MINING CO**

Site: **BEAR CANYON MINE**

Address: **PO BOX 1245, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

3,336.18	Total Permitted
36.64	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☒ Federal
☐ State
☐ County
☒ Fee
☐ Other

Types of Operations

- ☒ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The permittee continues to develop the rock tunnels associated with the #4 Mine, Wild Horse Ridge addition, Tank seam. To date, each tunnel has been developed approximately 350 feet into the mountain, not including a cross cut connection. The permittee has proposed that some of the muck being generated from the tunnel development be used as backfill material. The material has been tested for acid and toxic forming potential and the results of the analyses have been forwarded to the Salt Lake technical staff.

Inspector's Signature: _____

Date Tuesday, February 10, 2004

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining

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Inspection Continuation Sheet

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REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENT

1. *Substantiate the elements on this inspection by checking the appropriate performance standard.*
 - a. *For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.*
 - b. *For PARTIAL inspections check only the elements evaluated.*
2. *Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.*
3. *Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.*
4. *Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.*

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4.a Hydrologic Balance: Diversions

The site received a new snow accumulation on February 7th and 8th. Many diversions remain under snow, and as such, cannot be inspected. The snow removal and storage process was discussed with Mr. Reynolds.

4.d Hydrologic Balance: Water Monitoring

The permittee's water monitoring information for the third quarter of 2003 is missing a carbonate value for monitoring site SBC-17 for August 5. A review of the laboratory analysis sheet during today's inspection revealed that the lab did not report a carbonate value; a telephone call to CT&E in Huntington, Utah on 2/10/2004 revealed that the permittee failed to request this parameter (carbonate) when the sample was submitted. However, the lab reported that the value for this parameter for the 8/5 sample was less than 5 mg/l. This was reported to the Salt Lake hydrologist who will have the value entered into the Division EDI for the permittee. As noted during today's field inspection, the Bear Creek drainage was frozen and snow covered.

6. Disposal of Excess Spoil, Fills, Benches

As noted in the summary, the permittee is proposing to use muck from the #4 Mine rock tunnel development as backfill material. The permittee is storing that material at various locations until a Division approval is received.

8. Noncoal Waste

A small trailer located on the #4 Mine portal pad containing 5 gallon lubricant containers and cardboard boxes was observed to be overflowing. Mr. Reynolds agreed to have the trash picked up and removed to the lower Canyon until transport off the permit area could be arranged.

11. Contemporaneous Reclamation

There has been no new activity relative to the reclamation of the #2 Mine (Tank seam) access road. The backfilling of the #1 Mine seals has not seen any activity. The #1 Mine ventilation fan and the two belt portals associated with the Blind Canyon and Hiawatha seams will require a great deal of dismantling prior to backfilling of those areas. It is anticipated that there will be no activity in these areas until the permittee has developed the #4 Mine to the point that coal production is constant.

16.a Roads: Construction, Maintenance, Surfacing

All safety berms along the #3 and #4 Mine access roads are under snow. Some thawing was occurring this day, and the roads were muddy in some areas. To date, no road base has been placed due the limited production which the mine is currently experiencing.

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16.b Roads: Drainage Controls

All roads and ditches along the Mine's access roads were under frozen compacted snow.

18. Support Facilities, Utility Installations

The permittee has installed a ventilation fan adjacent to the #1 tunnel accessing the #4 Mine. The completion of the duct work to connect the fan to the #1 tunnel face-up is pending. The electrical work to power the fan also needs completion.